

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1643
Examiner : Minh Tam B Davis
Applicant : Rick V. Hay et al.
Serial No. : 10/500,297
Filed : June 28, 2004
Confirmation No. : 2642
For : MONOCLONAL ANTIBODY IMAGING AND THERAPY OF TUMORS THAT EXPRESS
MET AND BIND HEPATOCYTE GROWTH FACTOR

ABSTRACT

In a wide variety of human solid tumors, an aggressive, metastatic phenotype and poor clinical prognosis are associated with expression of the receptor protein tyrosine kinase Met and its agonist ligand HGF. Disclosed herein are (a) mAbs and hybridoma cell lines that produce them, which mAbs antibodies are specific for Met and (b) combinations of anti-Met and anti-HGF mAbs. When detectably labeled, these antibodies are useful for imaging such tumors. Anti-Met mAb compositions and methods for scintigraphic detection and monitoring of Met-bearing tumors are provided.